

50 55 60
 Lys Lys Gly His Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser His
 65 70 75 80
 Gln Ser Gln Asp Arg Lys Ile His Val Tyr Gly Tyr Ser Met Gly Tyr
 85 90 95
 Gly Arg Ala Gln His Ser Val Ser Thr Glu Lys Ile Arg Ala Lys Tyr
 100 105 110
 Pro Asp Tyr Glu Val Thr Trp Ala Asp Asp Gly Tyr
 115 120

<210> 7
 <211> 123
 <212> PRT
 <213> rat

<220>
 <221> PEPTIDE
 <222> (1)..(123)
 <223> rat histidine protein phosphatase

<400> 7
 Asn Gly Leu Asn Thr Thr Arg Gly Lys Gly Ser Ser Pro Leu Gly Lys
 1 5 10 15
 Asp His Gln Glu Leu Glu Leu Leu Thr Pro Tyr Pro Ala Val Lys Phe
 20 25 30
 Ser Val Gly Pro Thr Arg Ala Thr Arg Ala Tyr Pro Glu Ala Thr Leu
 35 40 45
 Pro Thr Ser Ala Asp Ile Tyr Asp Lys Val Ser Gly Glu Leu Gln Lys
 50 55 60
 Asn Gly Tyr Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser His Gln
 65 70 75 80
 Ser Gln Asp Arg Lys Ile His Val Tyr Gly Tyr Ser Met Gly Tyr Gly
 85 90 95
 Arg Ala Gln His Ser Val Ser Thr Glu Lys Ile Lys Ala Lys Tyr Pro
 100 105 110
 Asp Tyr Glu Val Thr Trp Ala Asp Asp Gly Tyr

115

120

<210> 8
 <211> 124
 <212> PRT
 <213> mouse

<220>
 <221> PEPTIDE
 <222> (1)..(124)
 <223> mouse histidine protein phosphatase

<400> 8

Met Ala Ala Asp Leu Gly Gln Ile Pro Asp Val Asp Ile Asp Ser Asp
 1 5 10 15
 Gly Val Phe Lys Tyr Val Leu Ile Arg Val His Leu Ala Glu Pro Ser
 20 25 30
 Gly Asp Pro Ala Lys Glu Cys Lys Glu Ile Val Arg Gly Tyr Lys Trp
 35 40 45
 Ala Glu Tyr His Ala Asp Ile Tyr Asp Lys Val Ser Gly Glu Leu Gln
 50 55 60
 Arg Asn Gly Tyr Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser His
 65 70 75 80
 Gln Ser Gln Asp Arg Lys Ile His Val Tyr Gly Tyr Ser Met Gly Tyr
 85 90 95
 Gly Arg Ala Gln His Ser Val Ser Thr Glu Lys Ile Lys Ala Lys Tyr
 100 105 110
 Pro Asp Tyr Glu Val Thr Trp Ala Asp Asp Gly Tyr
 115 120

<210> 9
 <211> 16
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Peptide for
 generating an antibody directed against histidine
 protein phosphatase

<400> 9

Gln Ile Pro Asp Val Asp Ile Asp Ser Asp Gly Val Phe Lys Tyr Val
 1 5 10 15

<210> 10

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide for
 generating an antibody directed against histidine
 protein phosphatase

<400> 10

Cys Leu Gly Gly Gly Arg Ile Ser His Gln Ser Gln Asp Lys
 1 5 10

<210> 11

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide for
 generating an antibody directed against histidine
 protein phosphatase

<400> 11

Cys Thr Glu Lys Ile Lys Ala Lys Tyr Pro Asp Tyr Glu Val
 1 5 10